

GenCore version 5.1.4.P5.4578  
Copyright (c) 1993 - 2003 CompuGen Ltd.

## OM protein - protein search, using SW model

Run on: March 24, 2003, 15:50:39 ; Search time 3.90303 Seconds  
(without alignments)  
422.155 Million cell updates/sec

Title: US-09-988-971-2\_COPY\_35\_90

Perfect score: 288  
Sequence: 1 ATAAVALGSPAGGPAPLRL.....VLSEVSGREYNIPIVHAKV 56

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :  
1: /cgn2\_6/ptodata/2/1aa/5A COMB.pep:\*  
2: /cgn2\_6/ptodata/2/1aa/5B COMB.pep:\*  
3: /cgn2\_6/ptodata/2/1aa/6A COMB.pep:\*  
4: /cgn2\_6/ptodata/2/1aa/6B COMB.pep:\*  
5: /cgn2\_6/ptodata/2/1aa/PCITUS COMB.pep:\*  
6: /cgn2\_6/ptodata/2/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	97	33.7	499	4 US-08-426-509A-19	Sequence 19, Appl
2	97	33.7	499	5 PCT-US95-05008-19	Sequence 19, Appl
3	96	33.3	65	5 PCT-US94-01840-7	Sequence 7, Appl
4	95	33.0	58	4 US-08-630-915A-131	Sequence 131, Appl
5	95	33.0	512	4 US-08-426-509A-16	Sequence 16, Appl
6	95	33.0	512	5 PCT-US95-05008-16	Sequence 16, Appl
7	90	31.2	505	4 US-08-426-509A-17	Sequence 17, Appl
8	90	31.2	505	5 PCT-US95-05008-17	Sequence 17, Appl
9	88	30.6	346	3 US-09-173-581-3	Sequence 3, Appl
10	88	30.6	346	4 US-09-420-915-3	Sequence 3, Appl
11	88	30.6	509	3 US-09-039-555B-17	Sequence 17, Appl
12	88	30.6	509	4 US-08-426-509A-18	Sequence 18, Appl
13	88	30.6	509	4 US-09-457-040B-8	Sequence 8, Appl
14	88	30.6	509	5 PCT-US95-05008-18	Sequence 14, Appl
15	87.5	30.4	59	4 US-08-630-915A-140	Sequence 140, Appl
16	87.5	30.4	60	1 US-08-627-497-1	Sequence 1, Appl
17	87.5	30.4	533	1 US-07-820-011A-2	Sequence 2, Appl
18	87.5	30.4	533	5 PCT-US93-00445-2	Sequence 2, Appl
19	85.5	29.7	536	1 US-07-820-011A-4	Sequence 4, Appl
20	85.5	29.7	536	4 US-08-426-509A-13	Sequence 13, Appl
21	85.5	29.7	536	5 PCT-US93-00445-4	Sequence 13, Appl
22	85.5	29.7	536	5 PCT-US93-05008-13	Sequence 13, Appl
23	85.5	29.7	536	5 PCT-US93-05008-13	Sequence 13, Appl
24	84.5	29.3	54	4 US-09-346-510B-18	Sequence 18, Appl
25	84.5	29.3	543	5 PCT-US95-05008-14	Sequence 14, Appl
26	83.5	29.0	59	4 US-08-630-915A-132	Sequence 132, Appl
27	83.5	29.0	537	4 US-08-426-509A-11	Sequence 11, Appl

28	83.5	29.0	537	5 PCT-US95-05008-11	Sequence 11, Appl
29	83	28.8	228	1 US-08-167-035-47	Sequence 47, Appl
30	83	28.8	228	1 US-08-208-887A-47	Sequence 47, Appl
31	83	28.8	228	2 US-08-539-005-47	Sequence 47, Appl
32	83	28.8	228	2 US-08-815-176-5	Sequence 5, Appl
33	83	28.8	228	4 US-09-280-598-44	Sequence 44, Appl
34	83	28.8	228	4 US-09-197-344-5	Sequence 4, Appl
35	82	28.5	59	2 US-09-006-675-4	Sequence 4, Appl
36	82	28.5	59	4 US-09-228-603A-4	Sequence 4, Appl
37	82	28.5	466	2 US-09-006-675-2	Sequence 2, Appl
38	82	28.5	466	4 US-09-228-603A-2	Sequence 2, Appl
39	81.5	28.3	536	4 US-08-426-509A-12	Sequence 12, Appl
40	81.5	28.3	536	5 PCT-US95-05008-12	Sequence 12, Appl
41	80.5	28.0	62	4 US-09-006-428A-6	Sequence 6, Appl
42	80.5	28.0	63	4 US-09-006-428A-7	Sequence 7, Appl
43	80.5	28.0	1151	3 US-08-840-006-6	Sequence 6, Appl
44	80.5	28.0	1200	3 US-08-840-006-5	Sequence 5, Appl
45	76.5	26.6	51	2 US-08-459-568-54	Sequence 54, Appl

## ALIGNMENTS

RESULT 1  
US-08-426-509A-19  
Sequence 19, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ullrich, Axel  
APPLICANT: Gishelzky, Mikhail  
APPLICANT: Sureh, Iman G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-Apr-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 499 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: No. 6326469e  
US-08-426-509A-19

Query Match 33.7%; Score 97; DB 4; Length 499;  
Best Local Similarity 41.5%; Pred. No. 7.1e-05;  
Matches 22; Conservative 7; Mismatches 24; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPPLIVSEDDGMWTVLSEVSGREYNIPSVHAKV 56  
DB 58 VALFDYAAVNDRLQVLKGEKQLVLRSTGDMWLARSLVTRGCVPSNFVAPV 110

## RESULT 2

PCT-US95-05008-19  
Sequence 19, Application PC/TUS9505008

GENERAL INFORMATION:

APPLICANT: Sugen, Inc.

APPLICANT: 515 Galveston Drive

APPLICANT: Redwood City, California 94063-4720

APPLICANT: United States of America

APPLICANT: Wissenschaften B.V.

APPLICANT: Holgarten Str. 2

APPLICANT: München 80539

APPLICANT: Germany

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

TITLE OF INVENTION: Kinases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/05008

FILING DATE: 24-Apr-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545

FILING DATE: 22-Apr-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-074

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 499 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULAR TYPE: protein

PCT-US95-05008-19

Query Match 33.7%; Score 97; DB 5; Length 499;

Best Local Similarity 41.5%; Pred. No. 7.1e-05;

Matches 22; Conservative 7; Mismatches 24; Indels 0; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPPLIVSEDDGMWTVLSEVSGREYNIPSVHAKV 56  
DB 58 VALFDYAAVNDRLQVLKGEKQLVLRSTGDMWLARSLVTRGCVPSNFVAPV 110

## RESULT 3

PCT-US94-01840-7

Sequence 7, Application PC/TUS9401840

GENERAL INFORMATION:

APPLICANT: Christopher E. Rudd

APPLICANT: Praaad Kanteti

APPLICANT: Lewis Cantley  
TITLE OF INVENTION: CD4 MEDIATED MODULATION OF  
TITLE OF INVENTION: LIPID KINASES  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM PS/2 Model 502 or 55SX

OPERATING SYSTEM: MS-DOS (Version 5.0)

SOFTWARE: Wordperfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/01840

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/023,915

FILING DATE: February 26, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Janis K. Fraser

REGISTRATION NUMBER: 34,819

REFERENCE/DOCKET NUMBER: 00530/063001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 65

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: Linear

PCT-US94-01840-7

Query Match 33.3%; Score 96; DB 5; Length 65;

Best Local Similarity 38.5%; Pred. No. 6.4e-06;

Matches 20; Conservative 8; Mismatches 24; Indels 0; Gaps 0;

OY 4 VALGSPAGPAELSLRLGEPPLIVSEDDGMWTVLSEVSGREYNIPSVHAKV 55  
DB 6 IALSYSHSDGDLGFEKGEPLRLLEQSGEWMKAQSLTTGQEGFIPNFVAK 57

## RESULT 4

US-08-630-915A-131

Sequence 131, Application US/08630915A

Patent No. 6309820

GENERAL INFORMATION:

APPLICANT: SPARKS, Andrew B.

APPLICANT: HOFFMAN, No. 6309820h

APPLICANT: KAY, Brian K.

APPLICANT: FOWKES, Dana M.

APPLICANT: MCCONNELL, Stephen J.

TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL

TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND

NUMBER OF SEQUENCES: 227

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/630,915A  
FILING DATE: 03-APR-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Mastrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-174  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-630-915A-131

Query Match 33.0%; Score 95; DB 4; Length 58;  
Best Local Similarity 37.7%; Pred. No. 7.5e-06;  
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

QY 4 VALGSPAGPAPALSLRLCEPLTIVSDGDMWTVLSEVSGREYNIPSVYAKV 56  
DB 6 VALPYDGIHPDLSFKKGEMKVLBEHGEWMKAKSLTKKEGFIPSNVAKL 58

RESULT 5  
US-08-426-509A-16  
Sequence 16, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ullrich, Axel  
APPLICANT: Gishitzky, Michael  
APPLICANT: Sures, Irmann G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid

STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: No. 6326469e  
US-08-426-509A-16

Query Match 33.0%; Score 95; DB 4; Length 512;  
Best Local Similarity 37.7%; Pred. No. 0.00014;  
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

QY 4 VALGSPAGPAPALSLRLCEPLTIVSDGDMWTVLSEVSGREYNIPSVYAKV 56  
DB 69 VALPYDGIHPDLSFKKGEMKVLBEHGEWMKAKSLTKKEGFIPSNVAKL 121

RESULT 6  
PCT-US95-05008-16  
Sequence 16, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften E.V.  
APPLICANT: Hofgarten Str. 2  
APPLICANT: Munchen 80539  
APPLICANT: Germany  
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
TITLE OF INVENTION: Kinases  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US95-05008-16

Query Match 33.0%; Score 95; DB 5; Length 512;  
Best Local Similarity 37.7%; Pred. No. 0.00014;  
Matches 20; Conservative 12; Mismatches 21; Indels 0; Gaps 0;

QY 4 VALGSPAGPAPALSLRLCEPLTIVSDGDMWTVLSEVSGREYNIPSVYAKV 56  
DB 69 VALPYDGIHPDLSFKKGEMKVLBEHGEWMKAKSLTKKEGFIPSNVAKL 121

## RESULT 7

US-08-426-509A-17

Sequence 17, Application US/08426509A

Patent No. 6326469

GENERAL INFORMATION:

APPLICANT: Ulrich, Axel

APPLICANT: Gishizky, Mikhail

APPLICANT: Sures, Irman G.

TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN

TITLE OF INVENTION: TYROSINE KINASES

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie &amp; Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION NUMBER: US/08/426,509A

FILING DATE: 21-APR-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/232,545

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-0074-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790-9090

TELEFAX: 212-869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 505 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

US-08-426-509A-17

Query Match

Best Local Similarity 31.2%; Score 90; DB 4; Length 505;

Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

Db 63 VALGYEALIHEDLSFGKGDQWVLESGEWMKARSLATRKGYIPSNYVAR 115

QY 4 VALGFPAGPAELSLRLGPTTVSEDDGMWTVLSVSGREYNIPSHYAKV 56

Db 63 VALGYEALIHEDLSFGKGDQWVLESGEWMKARSLATRKGYIPSNYVAR 115

## RESULT 8

PCT-US95-05008-17

Sequence 17, Application PC/TUS9505008

GENERAL INFORMATION:

APPLICANT: Sugan, Inc.

APPLICANT: 515 Galveston Drive

APPLICANT: Redwood City, California 94063-4720

APPLICANT: United States of America

APPLICANT: Wissenschaften E.V.

APPLICANT: Holgatten Str. 2

APPLICANT: Munchen 80539

APPLICANT: Germany

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine

TITLE OF INVENTION: Kinases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie &amp; Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/05008

FILING DATE: 24-APR-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545

FILING DATE: 22-APR-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-074

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 505 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

PCT-US95-05008-17

Query Match

Best Local Similarity 31.2%; Score 90; DB 5; Length 505;

Matches 19; Conservative 12; Mismatches 22; Indels 0; Gaps 0;

Db 63 VALGYEALIHEDLSFGKGDQWVLESGEWMKARSLATRKGYIPSNYVAR 115

QY 4 VALGFPAGPAELSLRLGPTTVSEDDGMWTVLSVSGREYNIPSHYAKV 56

Db 63 VALGYEALIHEDLSFGKGDQWVLESGEWMKARSLATRKGYIPSNYVAR 115

## RESULT 9

US-09-173-581-3

Sequence 3, Application US/09173581A

Patent No. 6013455

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Tang, Y. Tom

APPLICANT: Hillman, Jennifer L.

APPLICANT: Yue, Henry

APPLICANT: Guegler, Karl J.

APPLICANT: Corley, Neil C.

APPLICANT: Goisone, Gina

APPLICANT: Azimzal, Yalda

APPLICANT: Lu, Aina

TITLE OF INVENTION: Protein Kinase Homologs

FILE REFERENCE: PF-0614 US

CURRENT APPLICATION NUMBER: US/09/173,581A

FILING DATE: 1998-10-15

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PERL Program

SEQ ID NO: 3

LENGTH: 346

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: 507669

US-09-173-581-3

Query Match 30.6%; Score 88; DB 3; Length 346;  
Best Local Similarity 36.5%; Pred. No. 0.0007;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55  
Db 67 IALHSYPSHSDGLGFEKGEQLRLIEGSGEMWKAQSLTTGEGFIPFNFAK 118

RESULT 10  
US-09-420-915-3

Sequence 3, Application US/09420915

Patent No. 6264947

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Tang, Y. Tom

APPLICANT: Hillman, Jennifer L.

APPLICANT: Yue, Henry

APPLICANT: Guesler, Karl J.

APPLICANT: Corley, Neil C.

APPLICANT: Gorgone, Gina

APPLICANT: Azimzai, Yalda

APPLICANT: Lu, Aina

TITLE OF INVENTION: Protein Kinase Homologs

FILE REFERENCE: PF-0614 US

CURRENT APPLICATION NUMBER: US/09/420,915

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/173,581

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PERL Program

SEQ ID NO 3

LENGTH: 346

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE: -

OTHER INFORMATION: 507669

US-09-420-915-3

Query Match 30.6%; Score 88; DB 4; Length 346;  
Best Local Similarity 36.5%; Pred. No. 0.0007;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55  
Db 67 IALHSYPSHSDGLGFEKGEQLRLIEGSGEMWKAQSLTTGEGFIPFNFAK 118

RESULT 11

US-09-039-555B-17

Sequence 17, Application US/09039555B

Patent No. 6033856

GENERAL INFORMATION:

APPLICANT: Koerner, Kathrin

APPLICANT: Mueller, Rolf

APPLICANT: Sadiacek, Hans-Harald

TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS

PREPARATION AND USE

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/039,555B

FILING DATE: 16-MAR-1998

CLASSIFICATION: 514

PRIOR APPLICATION DATA: DE 19710643.9

APPLICATION NUMBER: DE 19710643.9

FILING DATE: 14-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Bent, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 016779/0131

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 509 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-039-555B-17

Query Match 30.6%; Score 88; DB 3; Length 509;  
Best Local Similarity 36.5%; Pred. No. 0.0012;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

Qy 4 VALGSPAGGPAELSLRGEPLTIVSEDDGMWTVLSEVSGREYNIPSVHAK 55  
Db 67 IALHSYPSHSDGLGFEKGEQLRLIEGSGEMWKAQSLTTGEGFIPFNFAK 118

RESULT 12

US-08-426-509A-18

Sequence 18, Application US/08426509A

Patent No. 6326469

GENERAL INFORMATION:

APPLICANT: Ullrich, Axel

APPLICANT: Ghilzsky, Mikhail

APPLICANT: Sures, Irman G.

TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN

PREPARATION AND USE

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Penline & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York,

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/426,509A

FILING DATE: 21-APR-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/232,545

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-0074-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790-9090

TELEFAX: 212-869-9741

TELEX: 66141 PENNTE

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 509 amino acids

TYPE: amino acid

STRANDEDNESS: unknown  
TOPOLOGY: unknown  
US-08-426-509A-18

Query Match 30.6%; Score 88; DB 4; Length 509;  
Best Local Similarity 36.5%; Pred. No. 0.0012;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

QY 4 VALGSPAGGPAELSLRLGEPLTIVSEDDGMMTVLSEVSGREYNIPSVYAK 55  
DB 67 IALHSYEPHDDGLGFEKGEQLRLLEGSGEMWKAQSLTTGCGEGLFPFNVAK 118

RESULT 13  
US-09-457-040B-8  
Sequence 8, Application US/09457040B  
Patent No. 6387641  
GENERAL INFORMATION:  
APPLICANT: Vertex Pharmaceuticals Incorporated  
TITLE OF INVENTION: Crystallized P38 Complexes  
FILE REFERENCE: VPI/98-14  
CURRENT APPLICATION NUMBER: US/09/457,040B  
CURRENT FILING DATE: 1999-12-08  
NUMBER OF SEQ ID NOS: 41  
SOFTWARE: Patent version 3.0  
SEQ ID NO 8  
LENGTH: 509  
TYPE: PRT  
ORGANISM: Human  
US-09-457-040B-8

Query Match 30.6%; Score 88; DB 4; Length 509;  
Best Local Similarity 36.5%; Pred. No. 0.0012;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

QY 4 VALGSPAGGPAELSLRLGEPLTIVSEDDGMMTVLSEVSGREYNIPSVYAK 55  
DB 67 IALHSYEPHDDGLGFEKGEQLRLLEGSGEMWKAQSLTTGCGEGLFPFNVAK 118

RESULT 14  
PCT-US95-05008-18  
Sequence 18, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften E.V.  
APPLICANT: Munchen 80539  
APPLICANT: Germany  
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
TITLE OF INVENTION: Kinases  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: CORUZZI, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)790-9090  
TELEFAX: (212)869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 509 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US95-05008-18

Query Match 30.6%; Score 88; DB 5; Length 509;  
Best Local Similarity 36.5%; Pred. No. 0.0012;  
Matches 19; Conservative 8; Mismatches 25; Indels 0; Gaps 0;

QY 4 VALGSPAGGPAELSLRLGEPLTIVSEDDGMMTVLSEVSGREYNIPSVYAK 55  
DB 67 IALHSYEPHDDGLGFEKGEQLRLLEGSGEMWKAQSLTTGCGEGLFPFNVAK 118

RESULT 15  
US-08-630-915A-140  
Sequence 140, Application US/08630915A  
Patent No. 6309820  
GENERAL INFORMATION:  
APPLICANT: SPARKS, Andrew B.  
APPLICANT: HOPMAN, No. 6309820h  
APPLICANT: KAY, Brian K.  
APPLICANT: FOWLES, Dana M.  
APPLICANT: MCCONNELL, Stephen J.  
TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL  
TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND  
NUMBER OF SEQUENCES: 227  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/630,915A  
FILING DATE: 03-APR-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MISROCK, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-174  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 140:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 59 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown

Tue Apr 1 06:02:14 2003

us-09-988-971-2\_copy\_35\_90.ra1

**Page 7**

MOLECULE TYPE: peptide  
US-08-630-915A-140

US-08-630-915A-140

Query Match

30.48; Score 87.5; DB 4; Length 59;  
40.78; Pred NO 7 88-05;

Best Local Similarity 40.7%; Pred. No. 7.8e-05;  
Matches 22; Conservative 9; Mismatches 22

Matches 22; Conservative 9; Mismatches 22; Indels 1; Gaps 1;

Qy

2 TAAVAGSFPAAGPAELSLRGEPTIVSE-DGDWTVLSEVSGREYNIPSVHVA 54

Dis

4 TFVALDYESRTETDLSFKGERLQIVNTEGDMWLAHSLTTGTGTYPSNYVA 57

Search completed: March 24, 2003, 15:52:35  
Job time : 4.90303 secs

Job time : 4.90303 secs

